

Exploration Transportation Strategic Roadmap RFI Responses

Number	Title	Submitting Organization
1	Stage Launch Support and Soft Descent Capability (SLSD)	MoonStar
2	Life Cycle Engineering	United Space Alliance, LLC
3	Building a Trail of Orbital Way Stations	Wyle Labs
4	Clean Sheet Launch Vehicle systems: Saturn VII	self
5	Sustaining Support of American People through Sustainability	NASA Headquarters; Environmental Management Division
6	Development of an Exploration Transportation System	USRA
7	Highway to the Moon	Lunar Transportation Systems, Inc.
8	Untitled	NASA Office of the Chief Scientist
9	Game Technology to Education in NASA Strategic Roadmap Focus Area	US Army ARDEC
10	Shuttle Derived Launch Vehicle Concepts	Boeing NASA Systems (Houston)
11	Hypersonic Aircraft Development	Ardeco Aerospace
12	N2O4 In-Situ Propellant Production (ISPP)	Ardeco Aerospace
13	Mini Shuttle Space Taxi	Ardeco Aerospace
14	Collapsible Propellant Tank	Ardeco Aerospace
15	Collapsible Heat Shield for Aerocapture, Mars and Lunar	Ardeco Aerospace
16	Tri-propellant Reusable Rocket Engine	Ardeco Aerospace
17	Fluoropolymer Inflatables for Mars	Ardeco Aerospace
18	Spiral Development of a Lunar Heavy Lift Launch Vehicle System	ET11
19	Untitled	Boeing NASA Systems
20	Developing Effective Earth to Orbit Transportation	CSC @ NASA Ames
21	GEODE	Space Shuttle Program
22	Integrated Health Monitoring Sensor Suite for Space Exploration Vehicles	University of Louisiana at Lafayette
23	Project Bonaventure	Capital Area Astronomy Association
24	In Situ Mission Objectives Planning and Scheduling	United Space Alliance
25	Sounding Rockets in the 21st Century	JHU
26	Independent Space System Operator Concept	NASA J. F. Kennedy Space Center
27	Demonstration Missions for In-Space Assembly	United Space Alliance
28	Untitled	Constellation Services International
29	Superconducting Electromagnetic Launch Assist	NASA-GSFC
30	Heavy Lift Launcher vs. On-Orbit Assembly of ETS	MD Robotics
31	Internet Compliant Expendable Launch and Satellite Vehicles	NASA GRC
32	Virtual Mission Operations Suite for Secure Command and Control of Expendable Launch and Satellite Vehicles	NASA GRC
33	Figures of Merit for Development of Exploration Transportation System	ATK Thiokol
34	Launch Vehicle Reliability and Survivability	ATK Thiokol
35	Crew Exploration Vehicle Escape Propulsion Approach	ATK Thiokol
36	Launch Facility Options for Shuttle-derived Launch Vehicles	ATK Thiokol
37	Vehicle Sizing Optimization	ATK Thiokol
38	Exploration Transportation System for Exploration Initiative	ATK Thiokol
39	Air Breathing, Hydrogen Fueled, Hypersonic First Stage for a Space Launch System using Turbine Driven, Combined Cycle Engine	NASA-GSFC
40	Development of an Exploration Transportation System	United Space Alliance
41	Countermeasure Development for the Radiation Risks for Space Travelers	JPL
42	Decision methods for Matching Booster Capacity to Payloads, etc.	National Space Society
43	A Proposal to Re-evaluate All Materials Submitted During Outreach90	National Space Society
44	Issues of Technology Obsolescence and Knowledge Base Attrition	Lockheed Martin
45	Minimum Size for Earth to Orbit Transportation	Lockheed Martin
46	A National Perspective	Lockheed Martin
47	Propulsion and Stages	Lockheed Martin
48	Modular Contingency and Redundancy Development Two Person "Mini-stations"	NASA JSC
49	Strategic Centennial Earth to LEO "Contingency" Development Program	NASA JSC
50	Electromagnetic Launch Assist (EMLA)	NASA/GSFC